

The CARC has determined the epidemiologic evidence at this time is inconclusive for a causal relationship between glyphosate and non-Hodgkin lymphoma (NHL). Multiple case-control studies and one prospective cohort study found no association, whereas, a small number of case-control studies (mostly in Sweden) did find an association. Most of the studies in the database were underpowered and suffered from sample size issues. Additionally, some of the studies had biases associated with recall and missingness. The CARC recognizes the meta-analysis conducted by IARC to try to address the power/sample size issues. However, given the limitations of the studies used, a different weighting scheme could easily change the meta risk ratios. Thus while epidemiologic literature to date does not support causal association, the CARC recommends continued following of the glyphosate and NHL literature.

The epidemiologic evidence at this time does not support a causal relationship between glyphosate and solid tumors, multiple myeloma and Hodgkin lymphoma.